

100 CVX

4" Polyglass woofer

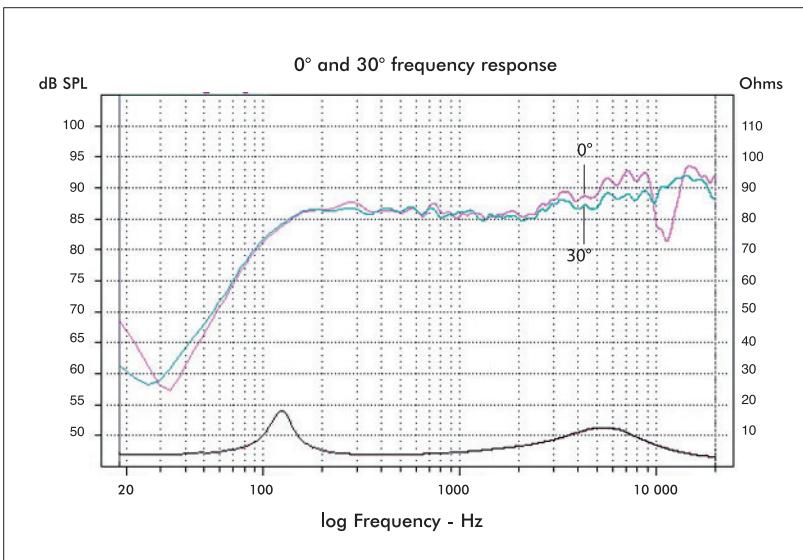
- Built-in audiophile crossover
- Polyglass cone
- Adjustable inverted dome tweeter



Specifications

Nominal power	50 W
Maximum power	100 W
Sensitivity	90 dB
Cone	Polyglass
Surround	Butyl
Nom. impedance	4 ohms
DC resistance (in parallel)	3.39 ohms
VC diameter	25 mm 1 in
VC height	10 mm 3/8 in
Former	Kapton®
Layers	2
Wire	Copper
Inductance	-
Xmax	2.5 mm 1/8 in
Magnet (d x h)	72 x 15 mm 2-13/16x9/16 in
Magnet weight	0.25 kg 0.55 lb
Flux density	1T
Gap height	5.5 mm 3/16 in
Net weight	0.5 kg 1.1 lb

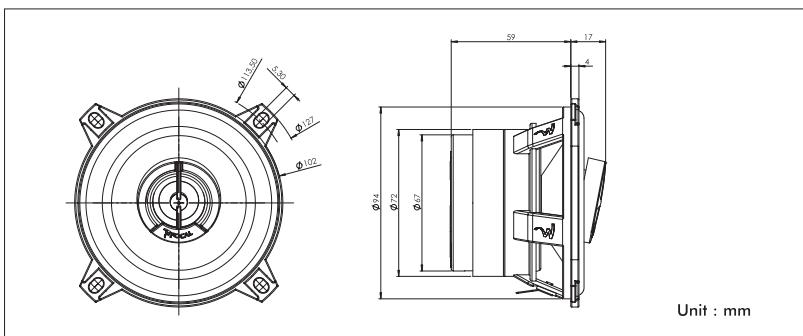
Frequency response / Impedance



Parameters

Fs	122.43 Hz
Vas	2.25 l
Qts	0.732
Qes	0.89
Qms	4.13
Re (in parallel)	3.39 ohms
Sd	78.54 cm ²
Cas	1.6E-08 m ⁵ /N
Mas	105.37 kg/m ⁴
Ras	19626.88 ohms.ac
Cms	2.6E-04 m/N
Mms	6.5 g
Rms	1,211 kg/s
Ces	341.29 mH
Les	4.95 mH
Res	15.73 ohms
Bl	4.36 N/A
SPL	85.8 dB/W/m

Mechanical Drawing



Suggested application

Load	V (l)	FB (Hz)	F-3 (Hz)	Q1
Sealed	30	-	118	0.8



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